

Capital Improvements Program

FY 2007 - 2013

INTRODUCTION



FY 2007 – 2013
Adopted Capital Improvements Program
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August 1, 2007

Honorable Mayor, City Council, Planning Board
City of Greensboro
Greensboro, North Carolina

Ladies and Gentlemen:

I am pleased to present to you the FY 2007-2013 Capital Improvements Program (CIP), totaling \$590,891,529. This document will serve as a valuable planning tool as the City continues to address future capital and infrastructure needs.

The Environmental Protection service area continues to comprise the largest portion of the CIP. With nearly \$295 million programmed for Water Resources projects over the next six years, Greensboro continues to demonstrate its commitment to improving and upgrading aging infrastructure as well as its continued expansion of the water and sewer system. Included in this service area is funding programmed for the dam repairs at Lake Townsend and improvements at the treatment plants to meet increasingly stringent environmental standards. Construction of the Randleman Reservoir Feeder Main, which will connect the reservoir to the city's water supply, is also programmed in this service area. These projects will be funded through either enterprise funding budgeted in the annual operating budget or through revenue bonds.

Other city needs will be addressed in coming years through the use of General Obligation Bonds. In 2006, citizens approved \$53.4 million in bonds, including \$24.5 million to be spent on five new fire stations and land for future fire stations. Also included in the referendum was \$10 million in economic development bonds; \$8.6 million for new or expanded library facilities; \$5.3 million for the Greensboro Historical Museum; and \$5 million for new Parks and Recreation projects. When combined with projects remaining from the 2000 referendum, this funding category represents \$109.5 million or 19% of total funding in the CIP.

The CIP also includes \$148.6 million in projects for which funding has not yet been authorized. Renovations at the coliseum and auditorium, various transportation improvements, maintenance and expansion of various Parks and Recreation sites, and additional fire stations include some of the projects that will be considered for a future bond referendum. This funding category also includes projects slated to be funded through the use two-thirds bonds. Specifically, these projects include renovations at War Memorial Stadium and maintenance at various city buildings. Projects to be funded through unauthorized bonds make up 25% of the total CIP.

In addition to projects submitted by departments, citizens requested nearly \$90,000 in projects to be funded through the Neighborhood Small Projects program. Of the three projects reviewed, two were recommended for funding while the third was referred to another program in the city that could help make the requested project a reality.

Capital Improvements Program
FY 2007-2013

On behalf of City employees, I thank you for your continued guidance and support of our planning efforts to prepare the City of Greensboro for the capital and infrastructure needs of tomorrow.

Respectfully,

A handwritten signature in black ink that reads "Mitchell Johnson". The signature is written in a cursive, flowing style.

Mitchell Johnson,
City Manager

FY 2007 – 2013 Capital Improvements Program

Introduction

The Capital Improvements Program, or CIP, is a financing and construction/acquisition plan for projects that require significant capital investment. The CIP, which is updated annually and submitted to and adopted by City Council, specifies and describes the City's capital project schedules and priorities for the six years immediately following Council adoption.

For each capital project, the CIP includes a variety of information, including a project description and the service need it addresses, a proposed timetable, proposed funding levels and sources and, if applicable, estimated ongoing operating costs. For projects already underway, the description also notes the remaining portion of the project's budget.

Generally, capital improvements projects consist of purchasing, constructing or renovating structures and/or acquiring land that have a total cost of at least \$100,000 and an estimated useful life of at least ten years. Common CIP projects include new or improved sidewalks, roads, neighborhood renewal projects and new city facilities, such as recreation centers, fire stations and water treatment facilities.

Some major maintenance projects, such as street resurfacing or placing a new roof on a building, are generally not included in the CIP. Although these projects meet the cost and useful life criteria for a CIP project, they often do not result in a new structure or a structure materially altered in design or size. Instead, these projects are periodically necessary to keep particular structures or facilities operating properly.

CIP Preparation

Along with their annual operating budget requests, City departments submit capital projects for consideration and inclusion in the CIP. These requests are reviewed by staff from the City Manager's Office and the Budget & Evaluation Department.

A Preliminary CIP is presented to the City Council and the Planning Board as part of the annual budget review. A Final CIP is presented to the City Council in June and is adopted concurrently with the Annual Operating Budget.

Neighborhood organizations are invited to submit projects for consideration in the Capital Improvements Program. Submissions are forwarded to the appropriate City department(s) to determine if they are feasible and to see that they are not contrary to current City policies. The projects are then reviewed by an Interdepartmental Team consisting of representatives from several City departments as well as citizen representatives. The recommendations and comments returned by the review team are sent to the requesting organization and presented to the City Council and Planning Board during the annual budget review. Citizens are encouraged to attend the annual budget public hearing to discuss their requests directly and in detail with City Council and City staff.

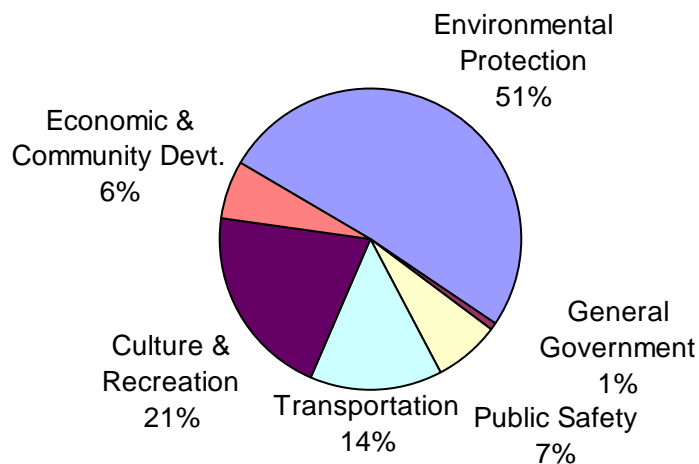
Relationship to the Annual Operating Budget

Some CIP projects are funded through annual operating funds, such as the General Fund (Capital Reserve Fund) and the Water Resources Fund. In these cases, the CIP and the Annual Operating Budget are directly linked as CIP projects become authorized through the adoption of the Annual Operating Budget. Projects funded through debt financing (typically voter authorized bonds) also impact the operating budget through ongoing debt service expense. Finally, some completed CIP projects will directly impact the operating budget in that they will require ongoing expenses for staff and other operating costs. Fire stations and recreation facilities are good examples.

Expenditure Overview

The 2007-2013 Capital Improvements Program (CIP) totals **\$590,891,529**. This is a 9.2% increase when compared to the FY 2006-2012 CIP total of \$541,113,289.

Expenditures By Service Area



Highlights

Environmental Protection continues to be a principal focus of the City's long term capital planning. This service area is driven largely by Water Resources projects as the department continues to address the challenges of repairing/replacing aging infrastructure and meeting ever more stringent regulations for both water and wastewater. Total estimated expenses for Environmental Protection projects are nearly \$303 million, or 51.3% of the total CIP, making it the largest of all service areas. Major projects include Lake Townsend Dam Repairs; a new fluid bed incinerator and nitrogen removal improvements at T. Z. Osborne; rehabilitation of various sanitary sewer lines and water lines; continued implementation of automated meter reading; construction of the Randleman Reservoir Feeder Main; and chloramine conversion improvements at both the Mitchell and Townsend Water Plants. This Service area also includes projects for the Stormwater Division as well as Environmental Services.

Capital Improvements Program FY 2007-2013

With \$128 million in projects, Culture and Recreation remains the second largest service area. It includes projects for Parks and Recreation, Libraries, and War Memorial Coliseum. In 2006, citizens approved \$5 million in bonds for Parks and Recreation projects. These projects include Parks, Open Space, and Greenway Acquisition; the Southwest Recreation Center Park; Trails Expansion; development of Brightwood Neighborhood Park and Lee Street Park; a Skateboard Park; Caldwell Historic Center; and New Restroom Facilities at Greensboro Sportsplex. Recently approved bond projects for Libraries include funding for Lake Jeanette and McGirt-Horton Libraries and expansion of the Benjamin Branch Library. In addition, \$5.3 million was approved for renovations and improvements at the Historical Museum. Coliseum projects in this CIP include ADA improvements to the auditorium; renovations to suites and club seating areas; and the replacement of riser and portable seating. The CIP also includes major improvements to the arena and auditorium to appear on a future bond referendum.

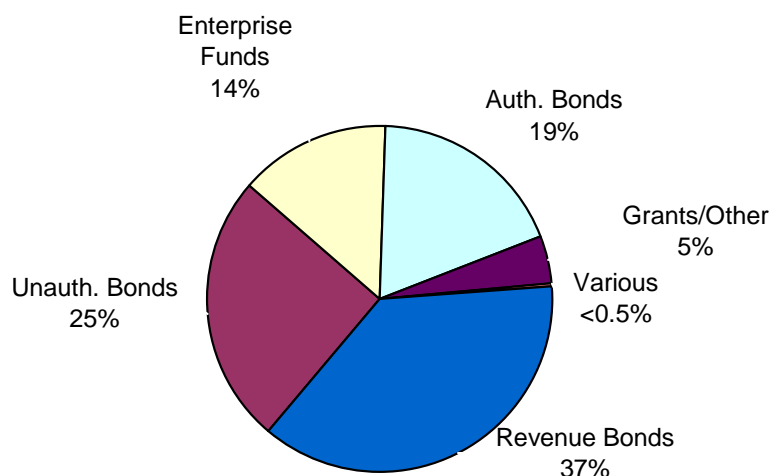
Funding for Fire Stations continues to be the dominant issue in the Public Safety service area. While \$24.5 million in funding was approved in the 2006 referendum for five new stations (Willow Road, Painter/85/40, Reedy Fork, South Elm/Eugene, and Old Randleman Road) and future land purchases, the department has already begun to plan for a future referendum. It has identified the need for up to eight new or replacement stations in the coming years. Three of these are included in this CIP.

Transportation makes up 13.9% of the total CIP with \$81.9 million in projects. Transportation projects programmed within the CIP include improvements to Creek Ridge Road, Friendly Avenue, Merritt Drive, and Lake Jeanette Road; Battleground Avenue Intersection Improvements; Ballinger Road Bridge Replacement; East Market Street Streetscape; and upgrades to the Bellemeade, Church, and Davie Street Parking Decks. Transportation projects in this CIP are funded primarily through the 2000 bonds or will appear on a future referendum.

Funding Overview

The Capital Improvements Program relies on a variety of funding sources to accomplish its many efforts. These include debt financing; enterprise funding; general fund revenues; state shared revenues; and grants from the state and federal government, or private sources.

Funding Sources



Capital Improvements Program
FY 2007-2013

Highlights

In the 2006 bond referendum, the citizens of Greensboro approved a total of \$53.4 million in bonds. When combined with the funding remaining from the bonds approved in 2000, authorized bonds make up \$109.5 million or 18.5% of the CIP. Authorized Bonds are used to fund projects in the areas of Public Safety, Transportation, Culture and Recreation, and Economic and Community Development in this CIP.

The CIP also includes \$148.6 million in unauthorized bonds. This represents project funding that is yet to be authorized and will form the basis for future bond referenda. This funding category includes \$15.9 million in Parks and Recreation projects; \$76 million in Coliseum projects; \$14.7 million in Fire projects; and \$34.5 million in Transportation projects.

As noted in the Expenditure Highlights section, the City will undertake a variety of projects in the Environmental Protection Program Area during the next six years. Most of these projects will initially be funded through Enterprise Funds and Revenue Bonds, with the resulting debt payments supported through revenues generated by these business type operations (Water and Sewer Services and Storm Water Services). Combined, Revenue Bonds and Enterprise Funds constitute the largest source of funds in the CIP at \$304.9 million or 51.6% of total funding.

Grant revenue also plays a role in funding capital projects in several program areas. This includes community contributions, support for Community Development efforts, and Transit projects. The revenue category makes up 4.5% of the CIP.

In previous years, Street and Sidewalk Funds, State/Powell Bill Funds, and the General Fund were significant funding sources for CIP projects. Over time however, Powell Bill funding has been shifted to cover more operating expenses in the city and the revenue stream for Street and Sidewalk funding has gone away. This combined with decreasing availability of Capital Reserve funding means that these three funding categories now make up less than 0.5% of the total CIP.

Capital Improvements Program Calendar

<u>DATE</u>	<u>ACTIVITY</u>
September 1	Neighborhood Small Projects Packages go out to community groups for project suggestions.
October 31	Deadline for citizen project requests to be considered in the current CIP.
December 18	Instructions on CIP procedures and preparation of CIP project requests are sent to Departments.
January - February	Citizen project requests reviewed by City Departments and citizen reviewers.
February 9	Deadline for Departments to submit projects to Budget & Evaluation
February 13 – May 5	Budget and Evaluation reviews all capital improvements project requests and prepares recommendations for funding. CIP is reviewed by City Manager's Office.
May 15	The Annual Operating Budget and Capital Improvements Program is presented to City Council.
May 16	The Capital Improvements Program is presented to Planning Board and Planning Board receives public comment on Neighborhood Small Projects Program requests.
June 26	City Council adopts the Annual Budget Ordinance concurrently with the six-year CIP.

Capital Improvements Program
FY 2007-2013

CAPITAL IMPROVEMENTS PROGRAM SUMMARY

EXPENDITURES	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	TOTAL
Public Safety	9,384,030	1,415,970	8,615,565	10,951,215	5,238,955	4,432,460	40,038,195
Transportation	19,596,333	11,804,051	11,643,785	15,089,720	20,934,353	2,803,000	81,871,242
Economic & Community Devt	9,366,826	9,550,000	7,561,780	4,000,000	2,000,000	2,000,000	34,478,606
Environmental Protection	76,381,793	44,009,650	25,357,000	22,452,000	82,643,000	52,115,000	302,958,443
Culture & Recreation	23,409,374	1,982,255	9,619,320	47,254,968	10,419,126	35,360,000	128,045,043
General Govt	0	900,000	100,000	1,600,000	900,000	0	3,500,000
TOTAL	138,138,356	69,661,926	62,897,450	101,347,903	122,135,434	96,710,460	590,891,529

Funding Sources	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	TOTAL
General Fund	0	250,000	0	0	0	0	250,000
Enterprise Funds	21,906,194	13,827,650	11,270,000	11,150,000	13,550,000	12,625,000	84,328,844
Street and Sidewalk Funds	0	0	0	0	0	0	0
Powell Bill/ State Funds	0	541,358	300,000	0	0	0	841,358
Authorized Bonds	49,197,352	15,351,764	33,779,450	9,216,390	269,280	1,725,000	109,539,236
Unauthorized Bonds	1,500,000	900,000	100,000	67,754,513	37,323,154	41,020,460	148,598,127
Revenue Bonds	54,825,599	30,732,000	14,537,000	11,502,000	69,293,000	39,665,000	220,554,599
Grants/Other	10,709,211	8,059,154	2,911,000	1,725,000	1,700,000	1,675,000	26,779,365
TOTAL	138,138,356	69,661,926	62,897,450	101,347,903	122,135,434	96,710,460	590,891,529

**City of Greensboro
Capital Improvements Program Summary
2007 - 2013**

	FY 07 - 08	FY 08 - 09	FY 09 - 10	FY 10 - 11	FY 11 - 12	FY 12 - 13	TOTAL
Culture and Recreation							
<i>Libraries</i>							
Branch Libraries							
Benjamin Branch Library Expansion	\$1,034,000	\$0	\$0	\$0	\$0	\$0	\$1,034,000
Lake Jeanette Branch Library	\$0	\$0	\$3,572,000	\$0	\$0	\$0	\$3,572,000
McGirt-Horton Library	\$3,478,000	\$0	\$0	\$0	\$0	\$0	\$3,478,000
Reedy Fork Branch Library	\$0	\$0	\$0	\$124,468	\$1,897,126	\$0	\$2,021,594
Historical Museum							
Historical Museum History Exhibit	\$3,500,000	\$0	\$0	\$0	\$0	\$0	\$3,500,000
Historical Museum Renovations	\$1,800,000	\$0	\$0	\$0	\$0	\$0	\$1,800,000
Libraries Totals	\$9,812,000	\$0	\$3,572,000	\$124,468	\$1,897,126	\$0	\$15,405,594
<i>Parks and Recreation</i>							
Administration							
Parks, Open Space, and Greenway Acquisition	\$0	\$0	\$1,414,000	\$0	\$0	\$3,000,000	\$4,414,000
Athletics/Tennis							
Tennis Court Repairs	\$0	\$0	\$0	\$200,000	\$200,000	\$200,000	\$600,000
Barber Park							
Barber Park Phase I Master Plan Implementation	\$2,390,720	\$0	\$0	\$0	\$0	\$0	\$2,390,720
Barber Park Phase II Master Plan Implementation	\$0	\$0	\$0	\$1,500,000	\$1,500,000	\$0	\$3,000,000
Bryan Park							
Soccer Field Renovation	\$0	\$0	\$0	\$100,000	\$100,000	\$200,000	\$400,000
Cemeteries							
Green Hill Cemetery Maintenance Facility	\$0	\$0	\$0	\$240,000	\$0	\$0	\$240,000
Facilities & Land Management							
Caldwell Park Historic Center	\$125,000	\$0	\$0	\$0	\$0	\$0	\$125,000
Greensboro Sportsplex							
New Restroom Facilities at Greensboro Sportsplex	\$108,000	\$0	\$0	\$0	\$0	\$0	\$108,000
Keeley Park							
Keeley Park Development	\$3,464,606	\$0	\$2,721,587	\$0	\$0	\$0	\$6,186,193
Lakes/Trails							
Trail System Expansion	\$0	\$0	\$1,043,173	\$0	\$0	\$0	\$1,043,173
Landscape & Beautification							
Gateway Garden at Lee Street and Florida Street	\$1,318,723	\$1,318,723	\$0	\$0	\$0	\$0	\$2,637,446

**City of Greensboro
Capital Improvements Program Summary
2007 - 2013**

	FY 07 - 08	FY 08 - 09	FY 09 - 10	FY 10 - 11	FY 11 - 12	FY 12 - 13	TOTAL
Neighborhood Centers							
Brown Recreation Center Expansion	\$0	\$0	\$0	\$220,000	\$0	\$0	\$220,000
Southwest Recreation Center	\$3,736,794	\$0	\$0	\$0	\$0	\$0	\$3,736,794
Park Development							
Restroom Facility at Gillespie Golf Course	\$0	\$0	\$0	\$200,000	\$0	\$0	\$200,000
Park Maintenance & Develop							
Neighborhood Park Renovation	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$300,000
Park Maintenance & Development							
Artificial Turf Installation	\$0	\$0	\$0	\$2,200,000	\$0	\$0	\$2,200,000
Development of Brightwood Neighborhood Park	\$0	\$0	\$93,560	\$0	\$0	\$0	\$93,560
Development of New Neighborhood Park	\$0	\$0	\$0	\$0	\$0	\$300,000	\$300,000
Mini-Park Development on Lee Street	\$20,000	\$105,000	\$0	\$0	\$0	\$0	\$125,000
New Neighborhood Park in Northwest Greensboro	\$0	\$0	\$0	\$300,000	\$0	\$0	\$300,000
Park Improvements at Southwest Recreation Center	\$375,000	\$0	\$0	\$0	\$0	\$0	\$375,000
Parks ADA Compliance for Restroom Facilities	\$358,531	\$358,532	\$0	\$0	\$0	\$0	\$717,063
Westerwood (Lake Dan) Park Renovation	\$0	\$0	\$0	\$265,000	\$265,000	\$0	\$530,000
Pools							
Grimsley Pool Upgrade	\$0	\$0	\$0	\$415,000	\$0	\$0	\$415,000
Grimsley Swimming Pool: Room Addition	\$0	\$0	\$0	\$0	\$0	\$175,000	\$175,000
Lindley Pool Upgrade	\$0	\$0	\$0	\$648,000	\$0	\$0	\$648,000
Smith Center Pool Upgrade	\$0	\$0	\$0	\$0	\$0	\$960,000	\$960,000
Special Facilities							
Indoor Climbing Wall	\$0	\$0	\$0	\$350,000	\$0	\$0	\$350,000
Skateboard Park	\$0	\$0	\$575,000	\$0	\$0	\$0	\$575,000
Smith Senior Center Renovations	\$0	\$0	\$0	\$192,500	\$0	\$0	\$192,500
War Memorial Stadium Renovations	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$1,500,000
Tannenbaum Park							
Colonial Heritage Center Addition and Walkways	\$0	\$0	\$0	\$0	\$157,000	\$0	\$157,000
Youth and Community Pgms/Ctrs							
Camp Joy Improvements	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000
Parks and Recreation Totals	\$13,397,374	\$1,782,255	\$5,847,320	\$6,930,500	\$2,322,000	\$5,185,000	\$35,464,449

War Memorial Coliseum

**City of Greensboro
Capital Improvements Program Summary
2007 - 2013**

	FY 07 - 08	FY 08 - 09	FY 09 - 10	FY 10 - 11	FY 11 - 12	FY 12 - 13	TOTAL
Event Services							
Arena Renovations	\$0	\$0	\$0	\$0	\$6,000,000	\$0	\$6,000,000
Replace Portable Seating	\$0	\$0	\$0	\$200,000	\$0	\$0	\$200,000
Replacement of Riser Seating	\$0	\$0	\$0	\$0	\$200,000	\$175,000	\$375,000
Special Events Center Expansion	\$0	\$0	\$0	\$0	\$0	\$30,000,000	\$30,000,000
Suite, Club Seat, and Meeting Room Renovations	\$0	\$200,000	\$200,000	\$0	\$0	\$0	\$400,000
War Memorial Auditorium ADA Improvements	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
War Memorial Auditorium Renovations	\$0	\$0	\$0	\$40,000,000	\$0	\$0	\$40,000,000
War Memorial Coliseum Totals	\$200,000	\$200,000	\$200,000	\$40,200,000	\$6,200,000	\$30,175,000	\$77,175,000
<hr/>							
Total Program Expenditures	\$23,409,374	\$1,982,255	\$9,619,320	\$47,254,968	\$10,419,126	\$35,360,000	\$128,045,043
Funding Sources							
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Enterprise Fund	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$175,000	\$1,175,000
Street & Sidewalk Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Authorized GO Bonds	\$20,778,097	\$1,213,532	\$9,419,320	\$0	\$0	\$0	\$31,410,949
Unauthorized GO Bonds 1	\$1,500,000	\$0	\$0	\$47,054,968	\$10,219,126	\$35,185,000	\$93,959,094
Unauthorized GO Bonds 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Grants	\$931,277	\$568,723	\$0	\$0	\$0	\$0	\$1,500,000
Other Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals for Culture and Recreation	\$23,409,374	\$1,982,255	\$9,619,320	\$47,254,968	\$10,419,126	\$35,360,000	\$128,045,043

**City of Greensboro
Capital Improvements Program Summary
2007 - 2013**

	FY 07 - 08	FY 08 - 09	FY 09 - 10	FY 10 - 11	FY 11 - 12	FY 12 - 13	TOTAL
Economic and Community Development							
<i>City Manager</i>							
Economic Development							
Infrastructure Improvements for Economic Development	\$2,000,000	\$2,000,000	\$4,000,000	\$2,000,000	\$0	\$0	\$10,000,000
City Manager Totals	\$2,000,000	\$2,000,000	\$4,000,000	\$2,000,000	\$0	\$0	\$10,000,000
<i>Housing/CD</i>							
Affordable Housing							
Affordable Housing Development	\$800,000	\$775,000	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,075,000
Housing Rehabilitation	\$1,000,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$4,000,000
Economic Development							
East Market Street Corridor Development	\$300,000	\$600,000	\$300,780	\$0	\$0	\$0	\$1,200,780
Targeted Loan Pool	\$112,076	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,112,076
Neighborhood Development							
Eastside Park Neighborhood Revitalization	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Ole Asheboro Neighborhood Revitalization	\$565,000	\$475,000	\$250,000	\$0	\$0	\$0	\$1,290,000
South Elm Street Brownfield Development	\$3,000,000	\$4,150,000	\$1,511,000	\$0	\$0	\$0	\$8,661,000
Southside Neighborhood Development	\$842,750	\$0	\$0	\$0	\$0	\$0	\$842,750
Willow Oaks Neighborhood Revitalization	\$647,000	\$550,000	\$0	\$0	\$0	\$0	\$1,197,000
Housing/CD Totals	\$7,366,826	\$7,550,000	\$3,561,780	\$2,000,000	\$2,000,000	\$2,000,000	\$24,478,606
Total Program Expenditures	\$9,366,826	\$9,550,000	\$7,561,780	\$4,000,000	\$2,000,000	\$2,000,000	\$34,478,606
Funding Sources							
General Fund	\$0	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Enterprise Fund	\$50,000	\$200,000	\$50,000	\$0	\$0	\$0	\$300,000
Street & Sidewalk Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Revenue	\$0	\$200,000	\$300,000	\$0	\$0	\$0	\$500,000
Authorized GO Bonds	\$3,142,750	\$2,600,000	\$4,300,780	\$2,000,000	\$0	\$0	\$12,043,530
Unauthorized GO Bonds 1	\$0	\$0	\$0	\$275,000	\$300,000	\$325,000	\$900,000
Unauthorized GO Bonds 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Grants	\$5,433,277	\$3,993,696	\$1,946,191	\$1,549,686	\$1,511,254	\$1,473,359	\$15,907,463
Other Revenue	\$740,799	\$2,306,304	\$964,809	\$175,314	\$188,746	\$201,641	\$4,577,613
Totals for Economic and Community Development	\$9,366,826	\$9,550,000	\$7,561,780	\$4,000,000	\$2,000,000	\$2,000,000	\$34,478,606

**City of Greensboro
Capital Improvements Program Summary
2007 - 2013**

	FY 07 - 08	FY 08 - 09	FY 09 - 10	FY 10 - 11	FY 11 - 12	FY 12 - 13	TOTAL
Environmental Protection							
<i>Environmental Services</i>							
Solid Waste Disposal							
Construction & Demolition Debris Landfill	\$700,000	\$200,000	\$7,200,000	\$0	\$0	\$0	\$8,100,000
Environmental Services Totals	\$700,000	\$200,000	\$7,200,000	\$0	\$0	\$0	\$8,100,000
<i>Water Resources</i>							
Customer Service							
Automated Meter Reading	\$4,677,650	\$3,677,650	\$0	\$0	\$0	\$0	\$8,355,300
Sewer Mains							
Bryan Blvd. Relocation Outfall Project	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
I/85 Bypass Stubouts	\$635,046	\$0	\$0	\$0	\$0	\$0	\$635,046
North Buffalo Trunkline Phase I	\$17,375,553	\$0	\$0	\$0	\$0	\$0	\$17,375,553
North Buffalo Trunkline Phase II	\$0	\$0	\$0	\$0	\$0	\$240,000	\$240,000
Sanitary Sewer Rehabilitation	\$3,000,000	\$3,250,000	\$3,750,000	\$4,000,000	\$5,250,000	\$5,500,000	\$24,750,000
Sewer System Expansion - Various Locations	\$1,074,827	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$4,824,827
Stormwater Management							
Culvert & Bridge Improvements	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,600,000
Flood Hazard Minimization	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,600,000
Pipe System Improvements	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$6,000,000
Stream Restoration	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$900,000
Water Quality BMPs	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$900,000
Wastewater Treatment Plants							
TZO - Lab Building Addition	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000
TZO - New Fluid-Bed Incinerator	\$500,000	\$0	\$4,000,000	\$4,000,000	\$0	\$0	\$8,500,000
TZO - Odor Control	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$3,000,000
TZO - Sludge Bulk Handling Improvements	\$1,110,000	\$0	\$0	\$0	\$0	\$0	\$1,110,000
TZO - Total Nitrogen Upgrade to meet HB 515	\$3,000,000	\$2,000,000	\$2,000,000	\$0	\$34,170,000	\$34,600,000	\$75,770,000
Water Mains							
Elevated Water Tank Maintenance	\$750,000	\$600,000	\$600,000	\$200,000	\$200,000	\$200,000	\$2,550,000
Fire Flow Improvements	\$1,524,000	\$0	\$0	\$0	\$0	\$0	\$1,524,000
Randleman Reservoir - Feeder Main Construction	\$500,000	\$775,000	\$0	\$2,000,000	\$4,000,000	\$3,000,000	\$10,275,000
Water Line Rehabilitation Program	\$1,500,000	\$1,750,000	\$1,750,000	\$2,000,000	\$2,250,000	\$2,500,000	\$11,750,000
Water System Expansion - Various Locations	\$861,667	\$750,000	\$750,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,361,667

**City of Greensboro
Capital Improvements Program Summary
2007 - 2013**

	FY 07 - 08	FY 08 - 09	FY 09 - 10	FY 10 - 11	FY 11 - 12	FY 12 - 13	TOTAL
Water Treatment Plants							
Aeration of Lake Townsend and Lake Brandt	\$0	\$0	\$0	\$0	\$500,000	\$0	\$500,000
Bulk Fuel Storage - Mitchell	\$0	\$0	\$0	\$0	\$400,000	\$0	\$400,000
Diesel Generator - Mitchell and Townsend	\$0	\$0	\$0	\$942,000	\$4,758,000	\$0	\$5,700,000
Earthen Dam Maintenance Project-Higgins, Townsend, Brandt	\$0	\$0	\$720,000	\$500,000	\$1,400,000	\$0	\$2,620,000
Lake Townsend Dam Repairs	\$25,000,000	\$25,000,000	\$0	\$0	\$0	\$0	\$50,000,000
Lake Townsend WTP Upgrade for Electrical and Low Lift Pumps	\$2,005,000	\$1,882,000	\$0	\$0	\$0	\$0	\$3,887,000
Mitchell & Townsend WTP Chloramine Conversion	\$5,668,050	\$0	\$0	\$0	\$0	\$0	\$5,668,050
Mitchell Clearwell Replacement	\$0	\$0	\$440,000	\$2,510,000	\$0	\$0	\$2,950,000
New Garden Road Pump Station Upfit	\$0	\$0	\$0	\$100,000	\$1,000,000	\$0	\$1,100,000
New Water Testing and Compliance Lab/Maint Facility (MFP)	\$0	\$0	\$422,000	\$0	\$2,100,000	\$0	\$2,522,000
Plate Settlers - Mitchell and Townsend	\$0	\$0	\$0	\$0	\$2,300,000	\$0	\$2,300,000
Power Monitoring and Electrical Improvements	\$0	\$0	\$0	\$300,000	\$5,500,000	\$0	\$5,800,000
Residuals Pumping Station and Pipeline - Townsend	\$0	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Reuse Storage/Pump Station	\$0	\$0	\$0	\$0	\$165,000	\$825,000	\$990,000
UV Disinfection - Mitchell and Townsend	\$0	\$0	\$0	\$0	\$13,400,000	\$0	\$13,400,000
Washwater Decanter Basin Improvements	\$0	\$275,000	\$0	\$0	\$0	\$0	\$275,000
Washwater Supply Tank - Mitchell	\$0	\$0	\$0	\$650,000	\$0	\$0	\$650,000
Water Supply Bulk Tank Replacements	\$0	\$0	\$475,000	\$0	\$0	\$0	\$475,000
Water Resources Totals	\$75,681,793	\$43,809,650	\$18,157,000	\$22,452,000	\$82,643,000	\$52,115,000	\$294,858,443
Total Program Expenditures	\$76,381,793	\$44,009,650	\$25,357,000	\$22,452,000	\$82,643,000	\$52,115,000	\$302,958,443
Funding Sources							
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Enterprise Fund	\$21,556,194	\$13,277,650	\$10,820,000	\$10,950,000	\$13,350,000	\$12,450,000	\$82,403,844
Street & Sidewalk Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Authorized GO Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unauthorized GO Bonds 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unauthorized GO Bonds 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$54,825,599	\$30,732,000	\$14,537,000	\$11,502,000	\$69,293,000	\$39,665,000	\$220,554,599
Grants	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals for Environmental Protection	\$76,381,793	\$44,009,650	\$25,357,000	\$22,452,000	\$82,643,000	\$52,115,000	\$302,958,443

**City of Greensboro
Capital Improvements Program Summary
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	FY 07 - 08	FY 08 - 09	FY 09 - 10	FY 10 - 11	FY 11 - 12	FY 12 - 13	TOTAL
General Government							
<i>Engineering & Inspections</i>							
Building Maintenance							
Maintenance and Renovation of City Buildings	\$0	\$900,000	\$100,000	\$1,600,000	\$900,000	\$0	\$3,500,000
Engineering Inspections Totals	\$0	\$900,000	\$100,000	\$1,600,000	\$900,000	\$0	\$3,500,000
Total Program Expenditures	\$0	\$900,000	\$100,000	\$1,600,000	\$900,000	\$0	\$3,500,000
Funding Sources							
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Enterprise Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Street & Sidewalk Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Authorized GO Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unauthorized GO Bonds 1	\$0	\$900,000	\$100,000	\$1,600,000	\$900,000	\$0	\$3,500,000
Unauthorized GO Bonds 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Grants	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals for General Government	\$0	\$900,000	\$100,000	\$1,600,000	\$900,000	\$0	\$3,500,000

**City of Greensboro
Capital Improvements Program Summary
2007 - 2013**

	FY 07 - 08	FY 08 - 09	FY 09 - 10	FY 10 - 11	FY 11 - 12	FY 12 - 13	TOTAL
Public Safety							
<i>Fire</i>							
Future Land Purchases							
Future Land Purchases	\$500,000	\$0	\$1,984,897	\$1,670,385	\$0	\$0	\$4,155,282
Stations & Buildings							
Fire Station # 10 Replacement	\$0	\$0	\$0	\$0	\$0	\$4,432,460	\$4,432,460
Fire Station # 7 Replacement	\$0	\$0	\$0	\$0	\$4,238,955	\$0	\$4,238,955
Hicone - Northeast Greensboro Fire Station	\$0	\$0	\$0	\$4,389,440	\$0	\$0	\$4,389,440
Old Randleman Rd. Fire Station	\$75,000	\$0	\$0	\$4,208,890	\$0	\$0	\$4,283,890
Painter/85/40 Fire Station	\$3,863,775	\$408,640	\$0	\$682,500	\$0	\$0	\$4,954,915
Reedy Fork Area Fire Station	\$378,000	\$0	\$3,820,420	\$0	\$0	\$0	\$4,198,420
South Elm/Eugene Fire Station	\$750,000	\$1,007,330	\$2,810,248	\$0	\$0	\$0	\$4,567,578
Willow Road Fire Station	\$3,817,255	\$0	\$0	\$0	\$0	\$0	\$3,817,255
Fire Totals	\$9,384,030	\$1,415,970	\$8,615,565	\$10,951,215	\$4,238,955	\$4,432,460	\$39,038,195
<i>Police</i>							
Eastern Operations							
Renovation of Police Service Center #1 (Second Floor)	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$1,000,000
Police Totals	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$1,000,000
Total Program Expenditures	\$9,384,030	\$1,415,970	\$8,615,565	\$10,951,215	\$5,238,955	\$4,432,460	\$40,038,195
Funding Sources							
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Enterprise Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Street & Sidewalk Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Authorized GO Bonds	\$9,384,030	\$1,415,970	\$8,615,565	\$4,891,390	\$0	\$0	\$24,306,955
Unauthorized GO Bonds 1	\$0	\$0	\$0	\$6,059,825	\$5,238,955	\$4,432,460	\$15,731,240
Unauthorized GO Bonds 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Grants	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals for Public Safety	\$9,384,030	\$1,415,970	\$8,615,565	\$10,951,215	\$5,238,955	\$4,432,460	\$40,038,195

**City of Greensboro
Capital Improvements Program Summary
2007 - 2013**

	FY 07 - 08	FY 08 - 09	FY 09 - 10	FY 10 - 11	FY 11 - 12	FY 12 - 13	TOTAL
Transportation							
<i>Transportation</i>							
Bond Funded Programs							
East Market Street - Streetscape and Traffic Management	\$3,422,646	\$0	\$0	\$0	\$0	\$0	\$3,422,646
Engineering							
Ballinger Rd Bridge Replacement	\$175,000	\$1,531,789	\$0	\$0	\$0	\$0	\$1,706,789
Battleground Ave @ New Garden Rd Intersection Improvement	\$0	\$0	\$0	\$1,450,000	\$0	\$0	\$1,450,000
Battleground Ave @ Westridge Rd Intersection Improvement	\$0	\$0	\$0	\$4,200,000	\$0	\$0	\$4,200,000
Battleground Avenue @ Cone Blvd Intersection Improvements	\$0	\$250,000	\$2,596,265	\$0	\$0	\$0	\$2,846,265
Battleground Rail Trail	\$772,000	\$2,362,252	\$0	\$0	\$0	\$0	\$3,134,252
Billy "Crash" Craddock Bridge Replacement at Sixteenth St.	\$3,028,858	\$0	\$0	\$0	\$0	\$0	\$3,028,858
Church Street	\$0	\$0	\$0	\$1,800,000	\$9,250,026	\$0	\$11,050,026
Cone Boulevard/Nealtown Road Extensions	\$0	\$0	\$0	\$595,000	\$8,837,047	\$0	\$9,432,047
Creek Ridge Road	\$2,380,506	\$2,000,000	\$1,113,733	\$0	\$0	\$0	\$5,494,239
East Vandalia Road	\$0	\$0	\$0	\$500,000	\$1,078,000	\$1,078,000	\$2,656,000
Florida Street Extension	\$0	\$0	\$0	\$75,000	\$19,280	\$1,725,000	\$1,819,280
Friendly Avenue	\$3,972,349	\$0	\$0	\$0	\$0	\$0	\$3,972,349
Horsepen Creek-Fleming Connector	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
Lake Jeanette Road	\$2,740,000	\$2,450,010	\$0	\$0	\$0	\$0	\$5,190,010
Mackay Road	\$0	\$375,000	\$3,100,000	\$0	\$0	\$0	\$3,475,000
Merritt Drive	\$229,146	\$635,000	\$2,383,787	\$2,000,000	\$0	\$0	\$5,247,933
New Garden Road Phase II	\$0	\$0	\$0	\$3,219,720	\$0	\$0	\$3,219,720
Signal System & Intelligent Traffic System	\$565,000	\$1,000,000	\$2,000,000	\$0	\$0	\$0	\$3,565,000
Stanley Road	\$0	\$0	\$0	\$1,000,000	\$1,500,000	\$0	\$2,500,000
Park Maintenance & Development							
Trail Park Connectors	\$1,000,000	\$800,000	\$0	\$0	\$0	\$0	\$1,800,000
Parking							
Bellemeade Street Parking Deck Repairs/Upgrade	\$100,000	\$150,000	\$0	\$0	\$0	\$0	\$250,000
Church Street Parking Deck Repairs/Upgrade	\$0	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Davie Street Parking Deck Repairs	\$0	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Transit							
Public Transportation	\$210,828	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$1,210,828

**City of Greensboro
Capital Improvements Program Summary
2007 - 2013**

	FY 07 - 08	FY 08 - 09	FY 09 - 10	FY 10 - 11	FY 11 - 12	FY 12 - 13	TOTAL
Transportation Totals	\$19,596,333	\$11,804,051	\$11,643,785	\$15,089,720	\$20,934,353	\$2,803,000	\$81,871,242
Total Program Expenditures	\$19,596,333	\$11,804,051	\$11,643,785	\$15,089,720	\$20,934,353	\$2,803,000	\$81,871,242
Funding Sources							
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Enterprise Fund	\$100,000	\$150,000	\$200,000	\$0	\$0	\$0	\$450,000
Street & Sidewalk Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Revenue	\$0	\$341,358	\$0	\$0	\$0	\$0	\$341,358
Authorized GO Bonds	\$15,892,475	\$10,122,262	\$11,443,785	\$2,325,000	\$269,280	\$1,725,000	\$41,777,802
Unauthorized GO Bonds 1	\$0	\$0	\$0	\$12,764,720	\$20,665,073	\$1,078,000	\$34,507,793
Unauthorized GO Bonds 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Grants	\$3,603,858	\$1,190,431	\$0	\$0	\$0	\$0	\$4,794,289
Other Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals for Transportation	\$19,596,333	\$11,804,051	\$11,643,785	\$15,089,720	\$20,934,353	\$2,803,000	\$81,871,242